

Amendments to the Abstract

Please add the following Abstract to this application.

-- The invention proposes an H-plane filter with inductive irises which exhibits a quasi-elliptic response while retaining the same compactness as a filter having a Chebyshev response. The invention furthermore makes it possible to use a large number of transmission zeros. For this purpose, there is proposed a waveguide filter comprising at least one cavity 4 delimited by at least two inductive irises 7. The filter furthermore comprises at least one floating insert 1 placed in one of the inductive irises 7. The invention is also a process for manufacturing the waveguide filter incorporating at least one insert.--